



406894

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #13—August 6, 2007

Work Completed: July 26 to August 1, 2007

- Completed constructing Staging Area 2S, including placing drainage stone and installing geosynthetic materials. Completed constructing an access road to Removal Areas 6A, 3B, and 4B.
- Completed constructing a curb cut at the entrance to the City of Plainwell Property.
- Completed unloading steel sheeting for cofferdam and water control structure (WCS) installation.
- Continued clearing and grubbing for access road construction from the Plainwell Dam to Staging Area 5S. Installed access gate and fencing at the 12th street entrance to the Plainwell Dam.
- Completed excavating non-TSCA soil (to planned excavation depths) from Removal Area 6A. Began excavating non-TSCA soil from Removal Area 5 and Island 3.
- Excavated material was solidified, loaded and transported to Allied Waste's C&C landfill in Marshall, Michigan (non-TSCA material). Continued solidifying soil at Staging Area 1N using a pug mill with cement.
- Began installing restoration stone at Removal Area 6A.
- Continued surveying and confirmation sampling in Removal Areas 6A and Island 3.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

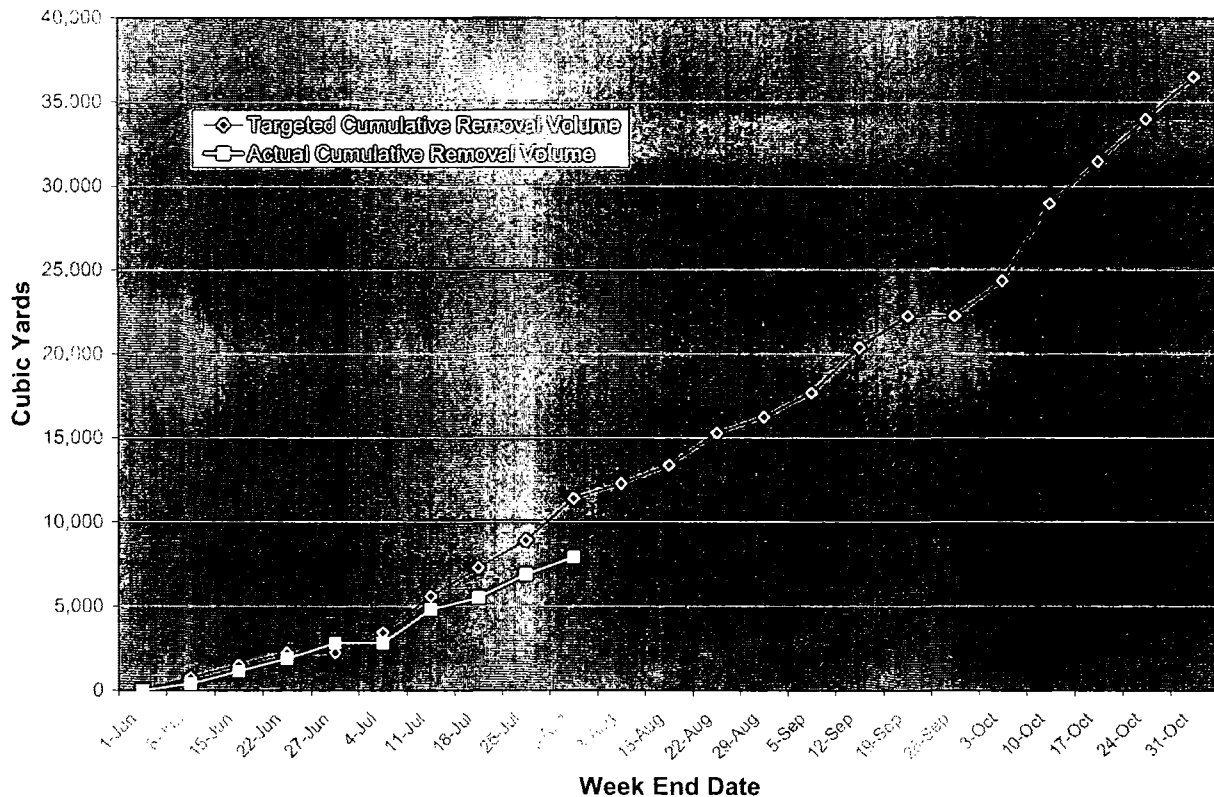
Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	1125	32
Total to Date	1225	35	6270	179

** All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: August 2-8, 2007

- Begin installing a turbidity curtain along Removal Area 2B (City of Plainwell supplemental removal) and Removal Area 3B.
- Begin installing a temporary dock near Plainwell Dam. Begin preparing steel sheeting for installation of the Phase 1 Cofferdam.
- Complete clearing and grubbing for access road construction from the Plainwell Dam to Staging Area 5S. Begin placing base grading material for construction of Staging Area 5S.
- Continue excavating non-TSCA soil from Removal Area 5 and Island 3.
- Continue loading and transporting solidified non-TSCA material from Staging Area 1N to Allied Waste's C&C Landfill in Marshall, Michigan. Continue solidifying soil at Staging Area 1N using a pug mill with cement.
- Continue surveying and performing sampling and analysis of excavated portions of Removal Areas 6A, 5, and Island 3.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

Removal Progress



Note: Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Note: Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Health & Safety Update

- Four Loss Prevention Observations (LPOs) were completed this week.
A total of 28 LPOs have been completed for the project to date.

Weather Summary

- No delays reported due to weather.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain: *On July 26, 2007, visual inspection of the turbidity curtain around Removal Area 4A revealed the release of turbid water from the contained work area. Work was temporarily halted while the curtain was repaired. Visual inspection after work restarted indicated the repair of the turbidity curtain adequately halted the release. Turbidity measurements collected at the monitoring points did not exceed established criteria.*

Dewatering System Discharge Monitoring:

Discharge Flow: None

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): 6A

Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain: *Awaiting laboratory analytical results from sampling.*

Issues Encountered/Solutions Advanced

- None

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Equipment on Site

Equipment	7/26/07	7/27/07	7/28/07	7/29/07	7/30/07	7/31/07	8/01/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Hitachi 450 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	0	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Vermeer Chipper	2	2	2	2	2	2	2
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
2,000 Gallon Water Truck	2	2	2	2	2	2	2
Komatsu 400 Articulating Dump Truck	3	3	3	3	3	3	3

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	7/26/07	7/27/07	7/28/07	7/29/07	7/30/07	7/31/07	8/01/07
Terra Contracting Staff	20	20	20		20	20	20
Sam Borries/USEPA OSC							
Mike Ribordy/USEPA OSC					X	X	X
Craig Thomas/USEPA OSC							
Sheri Kolak/MDEQ							X
Paul Bucholtz/MDEQ						X	
John Bradley/MDEQ							
John Lerg/MDNR							
Weston Contractors	1	1			1	1	1
Drew Santini/CDM							
Steve Garbaciak/ARCADIS BBL							
Garry Cummins/ARCADIS BBL	X						
Eric Hritsuk/ARCADIS BBL	X						
Rich Price/ARCADIS BBLES	X						
Matt Bowman/ARCADIS BBLES						X	
EJ Suardini/ARCADIS BBLES	X	X			X	X	X
Mike Kohagen/ARCADIS BBLES	X	X	X		X	X	X
Ben Lawrence/ARCADIS BBLES	X	X	X		X	X	X
Michelle Rumler/ARCADIS BBL	X	X	X		X	X	X
Joe Willoughby/ARCADIS BBLES	X	X					
Nick Harmer/ARCADIS BBL	X	X				X	X
<i>Other Subcontractors (Specify)</i>							
American Environmental (Liner)							
<i>Other Visitors (Specify)</i>							
Mark Brown, PhD./Georgia-Pacific							X
Chase Fortenberry/Georgia-Pacific					X	X	

Photos from Week #13



Geosynthetic materials installed at Staging Area 2S



Heavy equipment stockpiling processed material at Staging Area 1N

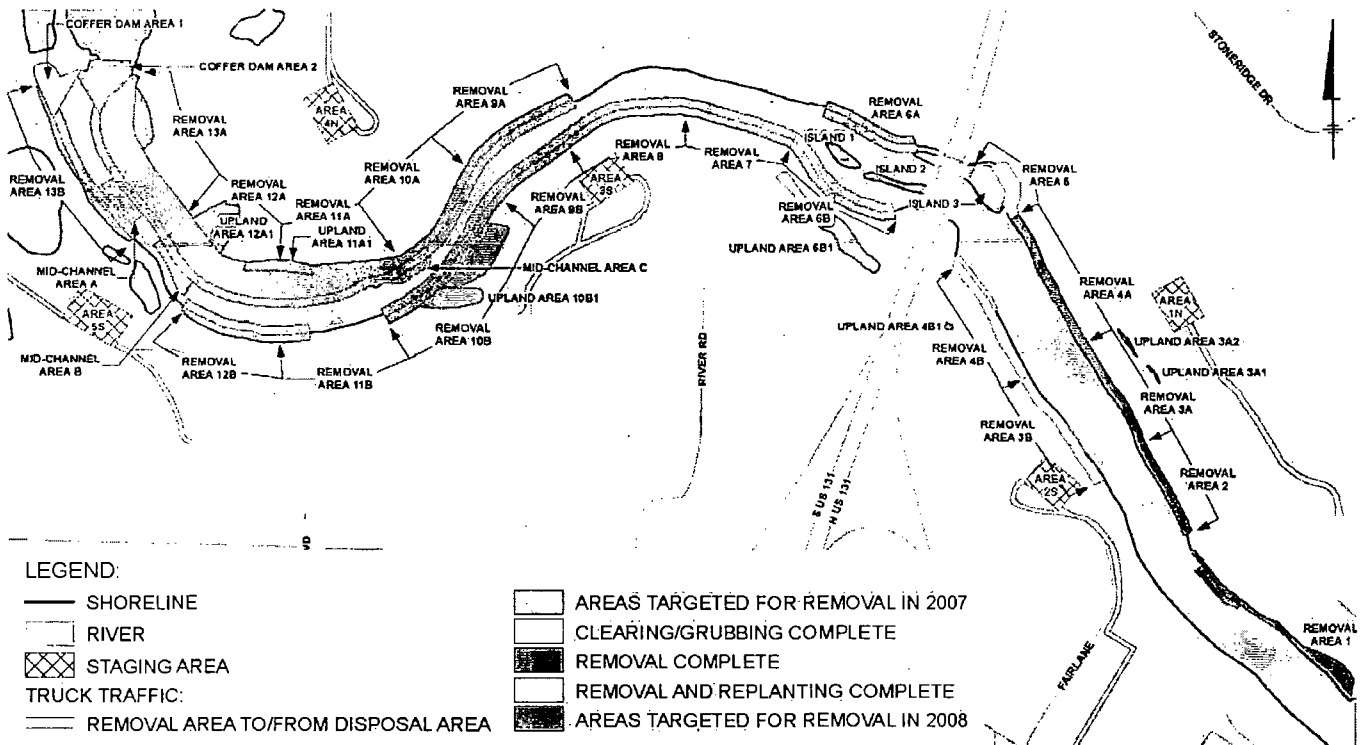


Heavy equipment excavating and hauling soils/sediments at Removal Area 6A



Installing fencing and a gate at the entrance to the Plainwell Dam

Targeted Removal Areas—Former Plainwell Impoundment



All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.